



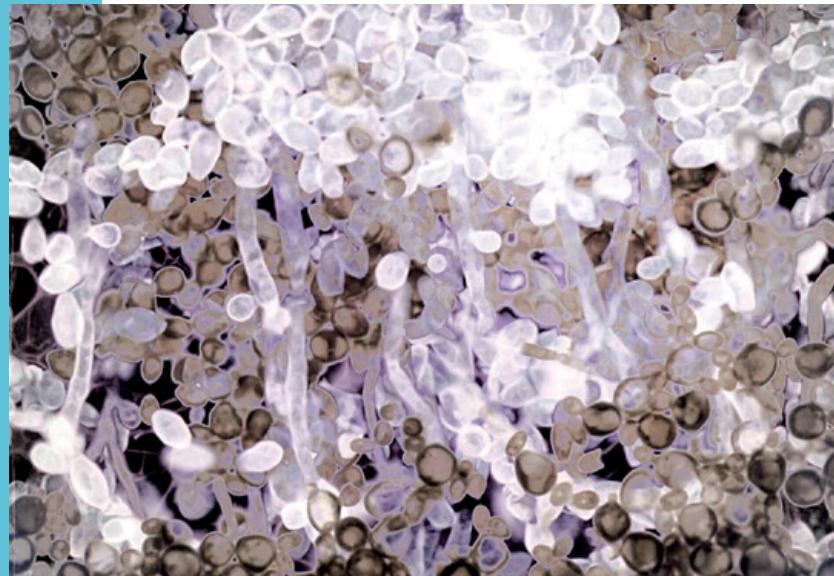
Molecular Microbiology Group

Publications:

25

Q1:

18



RESEARCH ACTIVITY

■ Doctoral theses

Lázaro Perona F. Aplicación de técnicas de qPCR para la cuantificación relativa de enterobacterias[dissertation]. Madrid: UAM: 2021(22/06/2022).

Directors: Mingorance Cruz J,
García Rodríguez J.

■ Publications

- Ara-Montojo MF, Escosa-García L, Alguacil-Guillén M, Seara N, Zozaya C, Plaza D, Schuffelmann-Gutiérrez C, de la Vega A, Fernández-Camblor C, Ramos-Boluda E, Romero-Gómez MP, Ruiz-Carrascoso G, Losantos-García I, Melillo-Peña MJ, Gómez-Gil R. Predictors of mortality and clinical characteristics among carbapenem-resistant or carbapenemase-producing

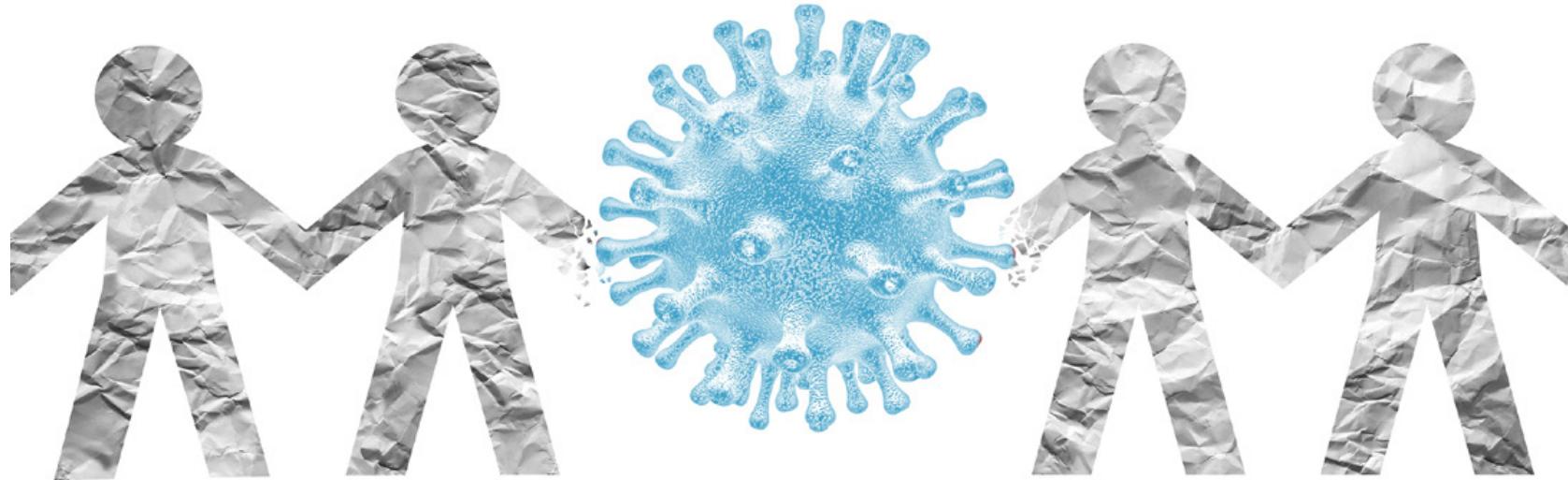
Enterobacteriaceae bloodstream infections in Spanish children. *J Antimicrob Chemoth.* 2021; 76(1): 220-5. Article. IF: 5.758; Q1

• Arroyo BG, Bueno EC, Romero-Gómez MP. *Gemmella haemolysans* meningitis. *Med Clin-Barcelona.* 2021; 157(12): E347-8. Letter. IF: 3.2; Q2

• Bretón-Martínez JR, Alcolea A, Quintero-García D, Méndez-Echevarría A, Ramos E, Bueno F, Colomina J, Mari-López J, Crehua-Gaudíza E, García-Rodríguez J, Martínez-Costa C. Non-wild-

type cryptococcosis in a child with multivisceral organ transplant who owned bird pets. *Transpl Infect Dis.* 2021; 23(3): e13558. Article. Not Indexed

• Cendejas-Bueno E, Falces-Romero I, Laplaza-González M, Escosa-García L, Schuffelmann-Gutiérrez C, Romero-Gómez MP, Verdu-Sánchez C, Calderón-Llopis B, Amores-Hernández I, Peman J, Gómez-Zamora A, Rio-García M, Menéndez-Suso JJ, Rodríguez-Álvarez D, Durán-Lorenzo



- I, Pérez-Acosta E, Rubio MR, Álvarez-Rojas E, Martínez-Romillo PD, Goded-Rambaud F, de Lorenzo AG, Maseda E, Mingorance J, de la Oliva P, García-Rodríguez J. Candidemia diagnosis with T2 nuclear magnetic resonance in a PICU: A new approach. *Pediatr Crit Care Me.* 2021; 22(2): E109-14. Article. IF: 3.971; Q1
- Cendejas-Bueno E, Peinado H, Baquero-Artigao F, Falces-Romero I, Calvo-Rey C, La Bandera-Montalvo L, García-Rodríguez J. Off-label use of T2Candida (R) test in vitrores humor for diagnosing invasive candidiasis: a clinical report. *Future Microbiol.* 2021; 16(9): 619-21. Article. IF: 3.553; Q3
- Cendejas-Bueno E, Romero-Gómez MP, Escosa-García L, Jiménez-Rodríguez S, Mingorance J, García-Rodríguez J. Lower nasopharyngeal viral loads in pediatric population. The missing piece to understand SARS-CoV-2 infection in children? *J Infection.* 2021;83(2):E18-9. Letter. IF: 38.637; D1
- Colino RM, de Miguel AM, Argentina F, Marques MB, Jiménez BC, Hernández PL, Bueno SJ, Vega MDM, Rodríguez JG, Simo BF, Fernández MAN, del Toro TR, Alarcón TA, Peromingo FJM, González-Montalvo JI. Evolution of COVID-19 at nursing homes from the second wave to vaccination. Description of a coordination program between Primary Care, Geriatrics and Public Health. *Rev Esp Salud Pública.* 2021; 95: e1-11. Article. IF: 1.333; Q4

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- Dahdouh E, Lázaro-Perona F, Romero-Gómez MP, Mingorance J, García-Rodríguez J, Montero MD, Toro-Rueda C, García-Bujalance S, Ruiz-Carrascoso G, Cendejas-Bueno E, Falces-Romero I, Ruiz-Bastián M, Gutiérrez-Arroyo A, de Velasco-Sada PG, Gómez-Arroyo B, García-Sánchez C, Guédez-López V, Bloise I, Alguacil-Guillén M, Liras-Hernández MG, Sánchez-Castellano M, García-Clemente P, González-Donapety P, San José-Villar S, de Pablos M, Gómez-Gil R, Corcuera M, Rico-Nieto A, Loches B. C-t values from SARS-CoV-2 diagnostic PCR assays should not be used as direct estimates of viral load. *J Infection.* 2021; 82(3): 426-8. Letter. IF: 38.637; D1
- Dahdouh E, Lázaro-Perona F, Ruiz-Carrascoso G, García LS, de Pipaón MS, Mingorance J. Intestinal dominance by *serratia marcescens* and *serratia ureilytica* among neonates in the setting of an outbreak. *Microorganisms.* 2021; 9(11): 2271. Article. IF: 4.926; Q2
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- Falces-Romero I, Mingorance J, García-Rodríguez J, Cendejas-Bueno E. A new application of MALDI biotyper for a potential use in therapeutic drug monitoring of voriconazole. *Antimicrob Agents Ch.* 2021; 65(8): e02458-20. Article. IF: 5.938; Q1
- Falces-Romero I, Romero-Gómez MP, Moreno-Ramos F, Mingorance J, García-Rodríguez J, Cendejas-Bueno E. Epidemiology of blood-stream *Candida* species in a Spanish tertiary care hospital as a guide for implementation of T2MR (T2CANDIDA (R)) for rapid diagnosis of candidemia. *Med Mycol.* 2021; 59(4): 350-4. Article. IF: 3.747; D1
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- Mingorance Cruz J.** Aplicación de los métodos de tipado genómico y molecu-

Research projects

Cendejas Bueno E. Desarrollo y validación de métodos para la detección



lar a la elaboración del mapa microbológico del Hospital Universitario La Paz. Genómica S.A.U. 2012-Ongoing.

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Mingorance Cruz J. Colaboracion para el desarrollo de proyectos específicos entre el grupo de investigacion de microbiologia molecular del idipaz en contreto: el desarrollo de soluciones en el ambito de la microbiologia molecular para atencion en el punto de necesidad basadas n genedrive. Epistem Ltd. 2016-Ongoing.

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Mingorance Cruz J. Contrato garantía juvenil técnico laboratorio (PEJ-2017-TL/BMD-6939). CM. 2018-2021.

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Mingorance Cruz J. Contrato I3 Estabilizado (CESI311). CM. 2011-2025.

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Mingorance Cruz J. Mecanismos moleculares de la heteroresistencia y la heterogénea susceptibilidad a carbapenémicos en enterobacterias productoras de carbapenemesas (PI19/01356). ISCIII. 2020-2022.

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Ruiz Carrascoso G. Evaluacion y validación del sistema de inteligencia analítica biwer analytics como herramienta de mejora en el seguimiento de brotes por sars-cov-2. Werfen España S.A.U. 2020-On-going.

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Toro Rueda C. Evaluacion del rendimien-

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■ Clinical trials

Loches Yagüe, MB. Ensayo clínico de fase iv-III, con asignación aleatoria, controlado, abierto y multicéntrico, con dos grupos paralelos, para evaluarla eficacia de la combinación de cloxacilina y fosfomicina versus cloxacilina en monoterapia en el tratamiento de la bacteriemia por staphylococcus aureus sensible a la meticilina.

Type: Clinical Trials, phase IV.

HULP code: 5740 HUB-IDIBELL-SA-FO4.3.1.

Sponsored by: Fundacion Idibell.

Signed date: 13/04/2021

Rico Nieto, A. Ensayo clínico fase III aleatorizado, controlado y abierto en pacientes con infección recurrente por clostridioides difficile (CD) para evaluar la eficacia y la seguridad de cápsulas de microbiota fecal Liofilizada vs Fidaxomicina.

Type: Clinical Trials, phase III.

HULP code: 6001 ICD-01.

Sponsored by: Mikrobiomik Healthcare Company, S.L.

Signed date: 13/12/2021

■ Patents and trademarks

Mingorance Cruz J, Castán García P, Franco de Sarabia Rosado PM, inventors; 2B BLACKBIO S.L., assignee. Composition, method and kit for detecting fungi and yeasts by means of sequencing. PCT/ES2010/000248; 2010 June 02.

Mingorance Cruz J, Castán García P, Franco de Sarabia Rosado PM, inventors; BIOTOOLS BIOTECHNOLOGICAL & MEDICAL LABORATORIES S.A., assignee. Composition, method and kit for detecting bacteria by means of sequencing. PCT/ES2009/000507, EP2492352, US2013157265, CA2775273, MX2012004627; 2009 October 22.

Vicente Muñoz M, Mingorance Cruz J, Rueda González MS, inventors; CSIC, assignee. Method for determining state of growth and viability of bacterial FTsZ population, whether natural or cultivated, is based on determining existence of FTsZ rings in actively growing individual cells. P200200370; 2002 February 15.